

Power Transformers

Sub-plate mounting, High voltage input.



Product application

- Power Industry
- Oil industry
- Military engineering
- Chemical Industry
- Wind power generation

Product advantage

- Good stability
- Low noise
- Power foot
- High withstand voltage
- Small no-load current

Product features

- single crystal copper enameled wire
- High quality iron core-H18/0.35(annealing)
- PBT engineering plastics, Environmental protection, Flame retardant, 120 degrees without deformation
- Vacuum potting, 100 ° C / 6 hours high temperature aging, 20 years of life, High electric strength
- Reasonable structure, Easy to install, Low noise, Strong earthquake resistance, Sealed moisture

Typical technical index:

- Material of core——Silicon steel sheet
- Insulation grade: B grade (130℃)
- Operation temperature——-30℃~+40℃
- Frequency range——50Hz~60Hz
- Fair resistance: with UL94-V0
- Form test: Pri./Sec.15KV max AC/1min 20mA 500V AC/1min 5mA(The samples for it is destructive experiment of samples, not recommended for normal use)

Factory test: Pri./Sec.15KV AC/1s 20mA, 500V AC/1s 5mA

Electrical parameters: (The following parameters are typical values and actual values will be subject to product testing)

Remarks:

Primary input voltage	1000	2000	3000	V
Primary input voltage range	±10			%
Power	20			VA
Voltage regulation	≤18			%
No load loss	≤1.3			VA
Temperature rise	≤30			℃
Initial electrical strength	5	10	15	KV
Weight	622			g

Customizable other voltage inputs.
example: 1140V

Other input ranges can be ordered
example: ±20%

Rated power, Not be bigger

For reference only

For reference only

For reference only

5 to 7 times the normal input voltage
(Except in special circumstances)

For reference only

Secondary output full load voltage		Secondary no-load voltage		Secondary full load current	
Single	Dual	Single	Dual	Single	Dual
6V	6V×2	7.2V	7.2V×2	3.3A	1.65A×2
7.5V	7.5V×2	9V	9V×2	2.6A	1.3A×2
9V	9V×2	10.8V	10.8V×2	2.22A	1.11A×2
12V	12V×2	14.4V	14.4V×2	1.67A	0.84A×2
15V	15V×2	18V	18V×2	1.33A	0.67A×2
18V	18V×2	21.6V	21.6V×2	1.11A	0.56A×2
24V	24V×2	28.8V	28.8V×2	0.83A	0.42A×2

Remarks:

1. Customized output according to customer requirements
Voltage/current distribution on demand

2. If there is no special description, the secondary output is full load voltage (can be customized)

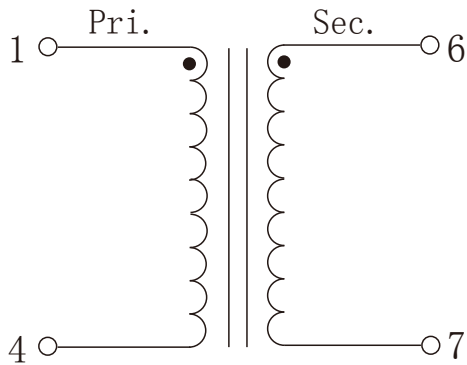
3. Transformer input / output is AC

4. Other types can be ordered
Cable

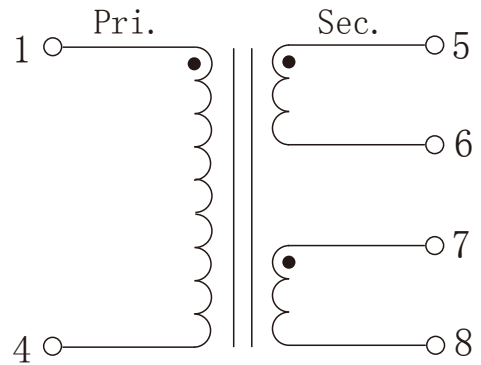
Frequency

Same name end

Wiring schematic diagram:



- Representing the same name
- Single output**

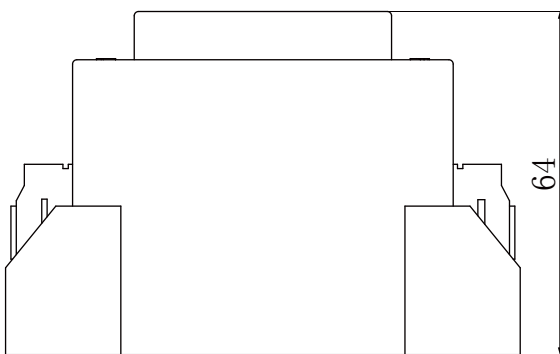


- Representing the same name
- Double output (Equalization)**

Dot end shorted in parallel, the voltage constant, the current doubles
 Synonyms shorted in series, the same current, voltage doubling

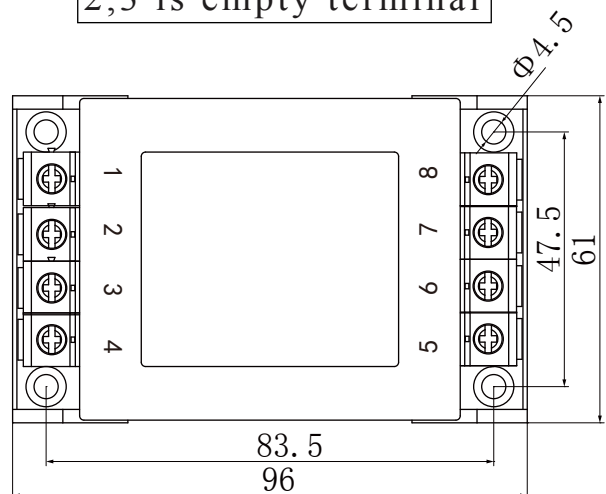
*It is recommended to seal with the terminal at the high voltage side wiring.

Dimensions (in mm \pm 0.5) :



Front view

2,3 is empty terminal



Top view